

BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

SUCH RETURN.

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GARY PIERCE, Chairman **BOB STUMP** SANDRA D. KENNEDY PAUL NEWMAN **BRENDA BURNS**

ORIGINAL

Arizona Corporation Commission

DOCKETED

JUN 2 4 2014

DOCKETED BY

IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY FOR A HEARING TO DETERMINE THE FAIR VALUE OF THE UTILITY PROPERTY OF THE COMPANY FOR RATEMAKING PURPOSES, TO FIX A JUST AND REASONABLE RATE OF RETURN THEREON, AND TO APPROVE RATE SCHEDULÉS DESIGNED TO DEVELOP

DOCKET NO. E-01345A-11-0224

WAL-MART STORES, INC. AND SAM'S WEST, INC.'S **NOTICE OF ERRATA**

Wal-Mart Stores, Inc. and Sam's West, Inc. (collectively, "Walmart"), hereby provides notice of the filing of errata to Steve W. Chriss' direct testimony in the above referenced matter originally filed on June 19, 2014. The Exhibit A to Mr. Chriss' direct testimony was inadvertently omitted from the originally filed version. Attached is a complete version of Mr. Chriss' direct testimony, including Exhibit A thereto.

Dated this 24th day of June, 2014.

RIDENOUR HIENTON, P.L.L.

By

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Attorneys for Wal-Mart Stores, Inc. and Sam's West, Inc.

26

1	this 24 th day of June, 2014 with:
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4	Phoenix, AZ 85007
5	COPIES of the foregoing HAND- DELIVERED this 19 th day
6	of June, 2014 to:
7	Steve M. Olea Director, Utilities Division 1200 W. Washington Street
8	Phoenix, AZ 85007
9	Janice Alward, Chief Counsel Legal Division
10	ARIZONA CORP. COMMISSION
11	1200 W. Washington Street Phoenix, Arizona 85007
12	Lyn Farmer Chief Administrative Law Judge
13	Chief Administrative Law Judge Hearing Division
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1	BEFORE THE ARIZONA CORPORATION COMMISSION
2	<u>COMMISSIONERS</u>
3	GARY PIERCE, Chairman
4	BOB STUMP SANDRA D. KENNEDY
5	PAUL NEWMAN BRENDA BURNS
6	IN THE MATTER OF THE
7	APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY FOR A HEARING NO. DOCKET NO. E-01345A-11-0224
8	TO DETERMINE THE FAIR VALUE OF THE UTILITY PROPERTY OF THE
9	COMPANY FOR RATEMAKING PURPOSES, TO FIX A JUST AND
10	REASONABLE RATE OF RETURN THEREON, AND TO APPROVE RATE
11	SCHEDULES DESIGNED TO DEVELOP SUCH RETURN.
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13	DIRECT TESTIMONY OF STEVE W. CHRISS
14	ON FOUR CORNERS ADJUSTMENT SCHEDULE
15	WAL-MART STORES, INC. AND SAM'S WEST, INC.
16	
17	June 18, 2014
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Introduction

- Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND OCCUPATION.
- A. My name is Steve W. Chriss. My business address is 2001 SE 10th St., Bentonville, AR 72716-0550. I am employed by Wal-Mart Stores, Inc. as Senior Manager, Energy Regulatory Analysis.
- Q. ON WHOSE BEHALF ARE YOU TESTIFYING IN THIS DOCKET?
- A. I am testifying on behalf of Wal-Mart Stores, Inc. and Sam's West, Inc. ("Walmart").
- Q. PLEASE DESCRIBE YOUR EDUCATION AND EXPERIENCE.
- A. In 2001, I completed a Master of Science in Agricultural Economics at Louisiana State University. From 2001 to 2003, I was an Analyst and later a Senior Analyst at the Houston office of Econ One Research, Inc., a Los Angeles-based consulting firm. My duties included research and analysis on domestic and international energy and regulatory issues. From 2003 to 2007, I was an Economist and later a Senior Utility Analyst at the Public Utility Commission of Oregon in Salem, Oregon. My duties included appearing as a witness for PUC Staff in electric, natural gas, and telecommunications dockets. I joined the energy department at Walmart in July 2007 as Manager, State Rate Proceedings, and was promoted to my current position in June 2011. My Witness Qualifications Statement is included herein as Exhibit SWC-1.
- Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY BEFORE THE ARIZONA CORPORATION COMMISSION ("THE COMMISSION") IN THIS DOCKET?

- A. Yes. I submitted Direct Testimony (Non-Rate Design) on November 18, 2011, Rate Design Testimony on December 2, 2011, and Testimony in Support of the Settlement on January 18, 2012.
- Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY BEFORE OTHER STATE REGULATORY COMMISSIONS?
- A. Yes. I have submitted testimony in over 90 proceedings before 33 other utility regulatory commissions and before the Missouri House Committee on Utilities, the Missouri Senate Veterans' Affairs, Emerging Issues, Pensions, and Urban Affairs Committee, and the Kansas House Standing Committee on Utilities and Telecommunications. My testimony has addressed topics including, but not limited to, cost of service and rate design, ratemaking policy, qualifying facility rates, telecommunications deregulation, resource certification, energy efficiency/demand side management, fuel cost adjustment mechanisms, decoupling, and the collection of cash earnings on construction work in progress.
- Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?
- A. Yes. I am sponsoring Exhibit SWC-1, consisting of twelve pages.
- Q. PLEASE BRIEFLY DESCRIBE WALMART'S OPERATIONS IN ARIZONA.
- A. Walmart operates 121 retail units and employs 32,438 associates in Arizona. In fiscal year ending 2014, Walmart purchased \$789 million worth of goods and services from Arizona-based suppliers, supporting 24,245 supplier jobs.¹

¹ http://corporate.walmart.com/our-story/locations/united-states#/united-states/arizona

Q. PLEASE BRIEFLY DESCRIBE WALMART'S OPERATIONS WITHIN APS'S SERVICE TERRITORY.

A. Walmart has approximately 49 stores and distribution centers serviced by Arizona Public Service ("APS" or "the Company"), primarily on Schedules E-32L and E-32M. Approximately 40 of those facilities also take service on Experimental Rate Rider Schedule AG-1, Alternative Generation General Service ("AG-1").

Purpose of Testimony

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of my testimony is to address concerns regarding APS's proposed Adjustment Schedule FCA, Four Corners Adjustment ("FCA"). Specifically, I respond to the testimonies of Elizabeth A. Blankenship and Jeffrey B. Guldner.

Summary of Recommendations

Q. PLEASE SUMMARIZE YOUR RECOMMENDATIONS TO THE COMMISSION.

- A. My recommendations to the Commission are as follows:
 - 1) The Commission should reject APS's proposal to apply the FCA to the non-generation, or "APS" portions of AG-1 customer bills.
 - 2) The Commission should modify the Company's proposed FCA tariff language as follows:

"RATE

The FCA charge will be applied to the customer's monthly billed amount, excluding all other adjustments, sales tax, regulatory assessment and franchise fees. The resulting charged amount shall not be less than zero. In addition, the charge shall not apply to:

 Any portion of the monthly billed amount for a customer that takes service under Rate Rider Schedule AG-1."

The fact that an issue is not addressed herein or in related filings should not be construed as an endorsement of any filed position. Additionally, for issues not addressed in this testimony, Walmart specifically reserves the right to address these issues in rebuttal if they are brought up by other parties.

Background

Q. WHAT IS SCHEDULE AG-1 AND HOW DID IT COME INTO EXISTENCE?

A. AG-1 is a buy through rate for large commercial and industrial customers which allows customers to purchase generation service from a third-party Generation Service Provider. APS had proposed AG-1 in its direct testimony in the first phase of this proceeding, and it was adopted with modifications as part of the Settlement Agreement. The Commission approved AG-1 as proposed by the Settlement Agreement in Decision No. 73183. *See* Decision No. 73183, Exhibit A, page 18 and Attachment J.

Q. WHAT ARE THE RATE PROVISIONS INCLUDED IN AG-1?

- A. AG-1 includes the following rate provisions:
 - 1) The generation charges will not apply;
 - 2) Adjustment Schedule PSA-1 will not apply, except that the Historical Component will apply for the first twelve months of service under this rate rider schedule;
 - 3) Adjustment Schedule EIS will not apply;
 - 4) The applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the

electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder shall be applied to the customer's bill;

- 5) A management fee of \$0.0006/kWh to the customer's metered kWh;
- 6) A reserve capacity charge applied to 15 percent of the customer's billed kW;
- 7) An initial charge for fuel hedging costs;
- 8) Returning Customer charge, where applicable; and
- 9) Generation Service Provider Default charge, where applicable. *See* Decision No. 73183, Attachment J, page 4.

Q. WHAT ARE THE TERMS OF THE HEDGING PROVISION IN AG-1?

- A. Per the AG-1 tariff, the customer will pay the hedge cost associated with the customer's Standard Generation Service at the time that the customer switches to AG-1. The cost to the customer is determined by the Company as its applicable pro rata hedge cost based on the market price for hedge costs at the time the customer takes service under AG-1. *Id.*, page 3.
- Q. ONCE A CUSTOMER HAS SWITCHED TO AG-1, DOES THAT CUSTOMER THEN CAUSE APS TO INCUR ANY RETAIL GENERATION COST?
- A. No. In addition, once the customer has paid the Historical Component of the PSA and the hedge costs, that customer has fully compensated the Company for generation costs incurred on its behalf that were not fully recovered prior to the Customer switching to AG-1.

APS's Four Corners Adjustment Proposal

Q. WHAT IS YOUR UNDERSTANDING OF THE COMPANY'S PROPOSED FCA?

- A. My understanding of the proposed FCA is that it is the mechanism by which APS seeks to include in rates the rate base and expense costs associated with the acquisition of Southern California Edison's share of Four Corners generation Units 4 and 5, the retirement of Four Corners generation Units 1, 2, and 3, and any cost deferrals authorized in Docket No. E-01345A-10-0474. See Direct Testimony of Jeffrey B. Guldner, page 5, line 2 to line 5. In all, APS seeks recovery of an annual revenue requirement of \$62.53 million related to Four Corners generation-related costs. See Direct Testimony of Elizabeth A. Blankenship, page 4, line 4 to line 5.
- Q. DOES THE COMPANY PROPOSE THE FCA UNDER THE TERMS OF THE SETTLEMENT APPROVED BY THE COMMISSION IN THIS DOCKET IN DECISION NO. 73183?
- A. Yes. Specifically, the Company refers to Section 10.2 of the Settlement, which keeps the instant docket open in order for APS to file such a request. *See* Direct Testimony of Jeffrey B. Guldner, page 4, line 11 to line 26.
- Q. WAS WALMART A PARTY TO THE SETTLEMENT?
- A. Yes. See Decision No. 73183, Exhibit A, page 3. Additionally, both Chris Hendrix, Director of Markets & Compliance for Wal-Mart Stores, Inc. and I filed testimony on behalf of Walmart supporting the settlement.
- Q. HOW DOES APS PROPOSE TO RECOVER THE REVENUE REQUIREMENT FROM CUSTOMERS?
- A. APS proposes to recovery the revenue requirement from customers on an equal percentage basis applied to the base portion of customer bills, with certain exceptions. *Id.*, line 5 to line 7.
- Q. WHAT EXCEPTIONS DOES APS PROPOSE?
- A. APS proposes the following exceptions:

1) The generation service and imbalance service charges in AG-1;

2) The energy and ancillary service charge in Rate Schedule E-36 XL;

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which customers bear costs only when they are receiving a benefit, only those ratepayers who take generation service from APS and will benefit from the acquisition of those assets should bear the burden of those costs.

- Q. DOES CHARGING AG-1 CUSTOMERS THE FCA VIOLATE THE MATCHING PRINCIPLE?
- A. Yes. AG-1 customers will receive no benefit from the acquisition of Four Corners Units 4 and 5 and should not bear any related cost.
- Q. DOES THE AG-1 TARIFF CURRENTLY RECOGNIZE THAT AN AG-1 CUSTOMER CAUSES NO RETAIL GENERATION COST TO BE INCURRED BY THE COMPANY?
- A. Yes, and it specifically states that "the generation charges will not apply." *Id.*, page 4. This is consistent with cost causation and matching principles, which provide that costs for generation services should be recovered from customers who cause the utility to incur those costs.
- Q. DOES THE APPLICATION OF THE FCA TO PART OF AN AG-1 CUSTOMER BILL APPEAR TO VIOLATE THE PROVISION OF AG-1 THAT STATES THAT GENERATION CHARGES WILL NOT APPLY?
- A. Yes, as application of the proposed FCA would charge a "generation charge" to AG-1 customers.
- Q. WHAT IS YOUR RECOMMENDATION TO THE COMMISSION?
- A. The Commission should reject APS's proposal to apply the FCA to the "APS" portions of AG-1 customer bills.
- Q. DO YOU RECOMMEND A MODIFICATION TO THE FCA LANGUAGE PROPOSED BY APS?
- A. Yes. I recommend the following modification to the Company's proposed FCA language:

"RATE

The FCA charge will be applied to the customer's monthly billed amount, excluding all other adjustments, sales tax, regulatory assessment and franchise fees. The resulting charged amount shall not be less than zero. In addition, the charge shall not apply to:

 Any portion of the monthly billed amount for a customer that takes service under Rate Rider Schedule AG-1."

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes.

1		E	xhibit SWC-1
2	Steve W. Chr	riss	
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8		ores, Inc., Bentonville, AR ger, Energy Regulatory Ana	lysis (June 2011 – Present)
9		ate Rate Proceedings (July 20	
10	June 2003 – J		
11		Commission of Oregon, Sales Analyst (Eshmany 2006 July	
12	a.	Analyst (February 2006 – Ju Economist (June 2003 –	
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13	January 2003	•	
14		College, Houston, TX ructor, Microeconomics	
15	, and the second	,	
16	June 2001 - M	farch 2003 search, Inc., Houston, TX	
17		st (October 2002 – March 200	3)
18	Analyst (June	e 2001 – October 2002)	
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20	1997-1998	University of Florida	Graduate Coursework, Agricultural Education and Communication
21	1997	Texas A&M University	B.S., Agricultural Development
22			B.S., Horticulture
23	TESTIMONY 2014	Y BEFORE REGULATORY	COMMISSIONS
24	Minnesota Pu		ket No. E-002/GR-13-868: In the Matter of the
25	Application of Service in Min	-	any, for Authority to Increase Rates for Electric

Utah Public Service Commission Docket No. 13-035-184: In the Matter of the Application of 1 Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations. 2 Missouri Public Service Commission Case No. EC-2014-0224: In the Matter of Noranda 3 Aluminum, Inc.'s Request for Revisions to Union Electric Company d/b/a Ameren Missouri's Large Transmission Service Tariff to Decrease its Rate for Electric Service. 4 Oklahoma Corporation Commission Cause No. PUD 201300217: Application of Public Service 5 Company of Oklahoma to be in Compliance with Order No. 591185 Issued in Cause No. PUD 201100106 Which Requires a Base Rate Case to be Filed by PSO and the Resulting Adjustment 6 in its Rates and Charges and Terms and Conditions of Service for Electric Service in the State of 7 Oklahoma. 8 Public Utilities Commission of Ohio Case No. 13-2386-EL-SSO: In the Matter of the Application of Ohio Power Company for Authority to Establish a Standard Service Offer 9 Pursuant to §4928.143, Ohio Rev. Code, in the Form of an Electric Security Plan. 10 2013 11 Oklahoma Corporation Commission Cause No. PUD 201300201: Application of Public Service Company of Oklahoma for Commission Authorization of a Standby and Supplemental Service 12 Rate Schedule. 13 Georgia Public Service Commission Docket No. 36989: Georgia Power's 2013 Rate Case. 14 Florida Public Service Commission Docket No. 130140-EI: Petition for Rate Increase by Gulf 15 Power Company. 16 Public Utility Commission of Oregon Docket No. UE 267: In the Matter of PACIFICORP, dba 17 PACIFIC POWER, Transition Adjustment, Five-Year Cost of Service Opt-Out. 18 Illinois Commerce Commission Docket No. 13-0387: Commonwealth Edison Company Tariff Filing to Present the Illinois Commerce Commission with an Opportunity to Consider Revenue 19 Neutral Tariff Changes Related to Rate Design Authorized by Subsection 16-108.5 of the Public 20 Utilities Act. 21 Iowa Utilities Board Docket No. RPU-2013-0004: In Re: MidAmerican Energy Company. 22 South Dakota Public Utilities Commission Docket No. EL12-061: In the Matter of the 23 Application of Black Hills Power, Inc. for Authority to Increase its Electric Rates. (filed with confidential stipulation) 24 Kansas Corporation Commission Docket No. 13-WSEE-629-RTS: In the Matter of the 25

Applications of Westar Energy, Inc. and Kansas Gas and Electric Company for Approval to

Make Certain Changes in their Charges for Electric Service.

1 2	Public Utility Commission of Oregon Docket No. UE 263: In the Matter of PACIFICORP, dba PACIFIC POWER, Request for a General Rate Revision.
3	Arkansas Public Service Commission Docket No. 13-028-U: In the Matter of the Application of Entergy Arkansas, Inc. for Approval of Changes in Rates for Retail Electric Service.
4 5	Virginia State Corporation Commission Docket No. PUE-2013-00020: Application of Virginia Electric and Power Company for a 2013 Biennial Review of the Rates, Terms, and Conditions
6	for the Provision of Generation, Distribution, and Transmission Services Pursuant to § 56-585.1 A of the Code of Virginia.
7 8	Florida Public Service Commission Docket No. 130040-EI: Petition for Rate Increase by Tampa Electric Company.
9	
10	South Carolina Public Service Commission Docket No. 2013-59-E: Application of Duke Energy Carolinas, LLC, for Authority to Adjust and Increase Its Electric Rates and Charges.
11	Public Utility Commission of Oregon Docket No. UE 262: In the Matter of PORTLAND
12	GENERAL ELECTRIC COMPANY, Request for a General Rate Revision.
13	New Jersey Board of Public Utilities Docket No. ER12111052: In the Matter of the Verified
14	Petition of Jersey Central Power & Light Company For Review and Approval of Increases in and Other Adjustments to Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith; and for Approval of an Accelerated
15 16	Reliability Enhancement Program ("2012 Base Rate Filing")
17	North Carolina Utilities Commission Docket No. E-7, Sub 1026: In the Matter of the
18	Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina.
19	Public Utility Commission of Oregon Docket No. UE 264: PACIFICORP, dba PACIFIC
20	POWER, 2014 Transition Adjustment Mechanism.
21	Public Utilities Commission of California Docket No. 12-12-002: Application of Pacific Gas and Electric Company for 2013 Rate Design Window Proceeding.
22	Public Utilities Commission of Ohio Docket Nos. 12-426-EL-SSO, 12-427-EL-ATA, 12-428-
23	EL-AAM, 12-429-EL-WVR, and 12-672-EL-RDR: In the Matter of the Application of the
24	Dayton Power and Light Company Approval of its Market Offer.
25	Minnesota Public Utilities Commission Docket No. E-002/GR-12-961: In the Matter of the Application of Northern States Power Company for Authority to Increase Rates for Electric
26	Service in Minnesota.

1 2	North Carolina Utilities Commission Docket E-2, Sub 1023: In the Matter of Application of Progress Energy Carolinas, Inc. For Adjustment of Rates and Charges Applicable to Electric
3	Service in North Carolina.
4	2012 Public Utility Commission of Texas Docket No. 40443: Application of Southwestern Electric
5	Power Company for Authority to Change Rates and Reconcile Fuel Costs.
6	South Carolina Public Service Commission Docket No. 2012-218-E: Application of South
7	Carolina Electric & Gas Company for Increases and Adjustments in Electric Rate Schedules and Tariffs and Request for Mid-Period Reduction in Base Rates for Fuel.
8	Kansas Corporation Commission Docket No. 12-KCPE-764-RTS: In the Matter of the
9	Application of Kansas City Power & Light Company to Make Certain Changes in its Charges for Electric Service.
10 11	Kansas Corporation Commission Docket No. 12-GIMX-337-GIV: In the Matter of a General
12	Investigation of Energy-Efficiency Policies for Utility Sponsored Energy Efficiency Programs.
13	Florida Public Service Commission Docket No. 120015-EI: In Re: Petition for Rate Increase by Florida Power & Light Company.
14	California Public Utilities Commission Docket No. A.11-10-002: Application of San Diego Gas
15	& Electric Company (U 902 E) for Authority to Update Marginal Costs, Cost Allocation, and Electric Rate Design.
1617	Utah Public Service Commission Docket No. 11-035-200: In the Matter of the Application of
18	Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations.
19	Virginia State Corporation Commission Case No. PUE-2012-00051: Application of Appalachian
20	Power Company to Revise its Fuel Factor Pursuant to § 56-249.6 of the Code of Virginia.
21	Public Utilities Commission of Ohio Case Nos. 11-346-EL-SSO, 11-348-EL-SSO, 11-349-EL-AAM, and 11-350-EL-AAM: In the Matter of the Application of Columbus Southern Power
22	Company and Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form on an Electric Security Plan and In the
23	Matter of the Application of Columbus Southern Power Company and Ohio Power Company for
24	Approval of Certain Accounting Authority.
25	New Jersey Board of Public Utilities Docket No. ER11080469: In the Matter of the Petition of Atlantic City Electric for Approval of Amendments to Its Tariff to Provide for an Increase in

1	Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and N.J.S.A. 48:2-21.1 and For Other Appropriate Relief.
3	Public Utility Commission of Texas Docket No. 39896: Application of Entergy Texas, Inc. for Authority to Change Rates and Reconcile Fuel Costs. Missouri Public Service Commission Case No. EO-2012-0009:In the Matter of KCP&L Greater
5	Missouri Operations Notice of Intent to File an Application for Authority to Establish a Demand-Side Programs Investment Mechanism.
6 7	Colorado Public Utilities Commission Docket No. 11AL-947E: In the Matter of Advice Letter No. 1597-Electric Filed by Public Service Company of Colorado to Revise its Colorado PUC No. 7-Electric Tariff to Implement a General Rate Schedule Adjustment and Other Changes Effective December 23, 2011.
8 9 10	Illinois Commerce Commission Docket No. 11-0721: Commonwealth Edison Company Tariffs and Charges Submitted Pursuant to Section 16-108.5 of the Public Utilities Act.
11	Public Utility Commission of Texas Docket No. 38951: Application of Entergy Texas, Inc. for Approval of Competitive Generation Service tariff (Issues Severed from Docket No. 37744).
12 13	California Public Utilities Commission Docket No. A.11-06-007: Southern California Edison's General Rate Case, Phase 2.
14151617	2011 Arizona Corporation Commission Docket No. E-01345A-11-0224: In the Matter of Arizona Public Service Company for a Hearing to Determine the Fair Value of Utility Property of the Company for Ratemaking Purposes, to Fix and Just and Reasonable Rate of Return Thereon, to Approve Rate Schedules Designed to Develop Such Return.
18 19 20	Oklahoma Corporation Commission Cause No. PUD 201100087: In the Matter of the Application of Oklahoma Gas and Electric Company for an Order of the Commission Authorizing Applicant to Modify its Rates, Charges, and Tariffs for Retail Electric Service in Oklahoma.
21	South Carolina Public Service Commission Docket No. 2011-271-E: Application of Duke Energy Carolinas, LLC for Authority to Adjust and Increase its Electric Rates and Charges.
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25	North Carolina Utilities Commission Docket No. E-7, Sub 989: In the Matter of Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric

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1 Florida Public Service Commission Docket No. 110138: In Re: Petition for Increase in Rates by Gulf Power Company. 2 3 Public Utilities Commission of Nevada Docket No. 11-06006: In the Matter of the Application of Nevada Power Company, filed pursuant to NRS 704.110(3) for authority to increase its annual 4 revenue requirement for general rates charged to all classes of customers to recover the costs of constructing the Harry Allen Combined Cycle plant and other generating, transmission, and 5 distribution plant additions, to reflect changes in the cost of capital, depreciation rates and cost of 6 service, and for relief properly related thereto. 7 North Carolina Utilities Commission Docket Nos. E-2, Sub 998 and E-7, Sub 986: In the Matter of the Application of Duke Energy Corporation and Progress Energy, Inc., to Engage in a 8 Business Combination Transaction and to Address Regulatory Conditions and Codes of Conduct. 9 Public Utilities Commission of Ohio Case Nos. 11-346-EL-SSO, 11-348-EL-SSO, 11-349-EL-10 AAM, and 11-350-EL-AAM: In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Authority to Establish a Standard Service Offer 11 Pursuant to Section 4928.143, Revised Code, in the Form on an Electric Security Plan and In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for 12 Approval of Certain Accounting Authority. 13 Virginia State Corporation Commission Case No. PUE-2011-00037: In the Matter of 14 Appalachian Power Company for a 2011 Biennial Review of the Rates, Terms, and Conditions for the Provision of Generation, Distribution, and Transmission Services Pursuant to § 56-585.1 15 A of the Code of Virginia. 16 Illinois Commerce Commission Docket No. 11-0279 and 11-0282 (cons.): Ameren Illinois 17 Company Proposed General Increase in Electric Delivery Service and Ameren Illinois Company Proposed General Increase in Gas Delivery Service. 18 19 Virginia State Corporation Commission Case No. PUE-2011-00045: Application of Virginia Electric and Power Company to Revise its Fuel Factor Pursuant to § 56-249.6 of the Code of 20 Virginia. 21 Utah Public Service Commission Docket No. 10-035-124: In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah 22 and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations. 23 Maryland Public Utilities Commission Case No. 9249: In the Matter of the Application of 24 Delmarva Power & Light for an Increase in its Retail Rates for the Distribution of Electric

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6	Public Utilities Commission of Ohio Docket No. 10-2586-EL-SSO: In the Matter of the Application of Duke Energy Ohio for Approval of a Market Rate Offer to Conduct a Competitive
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12	Oklahoma Corporation Commission Cause No. PUD 201000050: Application of Public Service
13 14	Company of Oklahoma, an Oklahoma Corporation, for an Adjustment in its Rates and Charges and Terms and Conditions of Service for Electric Service in the State of Oklahoma.
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19	Consideration of Black Hills Energy's Plan in Compliance with House Bill 10-1365, "Clean Air-
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21	Colorado Public Utilities Commission Docket No. 10M-245E: In the Matter of Commission Consideration of Public Service Company of Colorado Plan in Compliance with House Bill 10-
22	1365, "Clean Air-Clean Jobs Act."
23	Public Service Commission of Utah Docket No. 09-035-15 <i>Phase II</i> : In the Matter of the
24	Application of Rocky Mountain Power for Approval of its Proposed Energy Cost Adjustment Mechanism.
25	Public Utility Commission of Oregon Docket No. UE 217: In the Matter of PACIFICORP, dba
26	PACIFIC POWER Request for a General Rate Revision.

1 Mississippi Public Service Commission Docket No. 2010-AD-57: In Re: Proposal of the Mississippi Public Service Commission to Possibly Amend Certain Rules of Practice and 2 Procedure. 3 Indiana Utility Regulatory Commission Cause No. 43374: Verified Petition of Duke Energy 4 Indiana, Inc. Requesting the Indiana Utility Regulatory Commission to Approve an Alternative Regulatory Plan Pursuant to Ind. Code § 8-1-2.5-1, ET SEQ., for the Offering of Energy 5 Efficiency Conservation, Demand Response, and Demand-Side Management Programs and Associated Rate Treatment Including Incentives Pursuant to a Revised Standard Contract Rider 6 No. 66 in Accordance with Ind. Code §§ 8-1-2.5-1 ET SEQ. and 8-1-2-42 (a); Authority to Defer 7 Program Costs Associated with its Energy Efficiency Portfolio of Programs; Authority to Implement New and Enhanced Energy Efficiency Programs, Including the Powershare® Program in its Energy Efficiency Portfolio of Programs; and Approval of a Modification of the Fuel Adjustment Clause Earnings and Expense Tests. 9 10 Public Utility Commission of Texas Docket No. 37744: Application of Entergy Texas, Inc. for Authority to Change Rates and to Reconcile Fuel Costs. 11 South Carolina Public Service Commission Docket No. 2009-489-E: Application of South 12 Carolina Electric & Gas Company for Adjustments and Increases in Electric Rate Schedules and 13 Tariffs. 14 Kentucky Public Service Commission Case No. 2009-00459: In the Matter of General Adjustments in Electric Rates of Kentucky Power Company. 15 16 Virginia State Corporation Commission Case No. PUE-2009-00125: For acquisition of natural gas facilities Pursuant to § 56-265.4:5 B of the Virginia Code. 17 Arkansas Public Service Commission Docket No. 10-010-U: In the Matter of a Notice of Inquiry 18 Into Energy Efficiency. 19 Connecticut Department of Public Utility Control Docket No. 09-12-05: Application of the 20 Connecticut Light and Power Company to Amend its Rate Schedules. 21 Arkansas Public Service Commission Docket No. 09-084-U: In the Matter of the Application of Entergy Arkansas, Inc. For Approval of Changes in Rates for Retail Electric Service. 22 23 Missouri Public Service Commission Docket No. ER-2010-0036: In the Matter of Union Electric Company d/b/a AmerenUE for Authority to File Tariffs Increasing Rates for Electric Service 24 Provided to Customers in the Company's Missouri Service Area.

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Contained in 111(d) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. § 2621(d)), 1 as Amended by the Energy Independence and Security Act of 2007. 2 Louisiana Public Service Commission Docket No. U-30192 Phase II (February 2009): Ex Parte, 3 Application of Entergy Louisiana, LLC for Approval to Repower Little Gypsy Unit 3 Electric Generating Facility and for Authority to Commence Construction and for Certain Cost Protection 4 and Cost Recovery. 5 South Carolina Public Service Commission Docket No. 2008-251-E: In the Matter of Progress Energy Carolinas, Inc.'s Application For the Establishment of Procedures to Encourage 6 Investment in Energy Efficient Technologies; Energy Conservation Programs; And Incentives 7 and Cost Recovery for Such Programs. 8 2008 Colorado Public Utilities Commission Docket No. 08A-366EG: In the Matter of the Application 9 of Public Service Company of Colorado for approval of its electric and natural gas demand-side 10 management (DSM) plan for calendar years 2009 and 2010 and to change its electric and gas DSM cost adjustment rates effective January 1, 2009, and for related waivers and authorizations. 11 12

Public Service Commission of Utah Docket No. 07-035-93: In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations, Consisting of a General Rate Increase of Approximately \$161.2 Million Per Year, and for Approval of a New Large Load Surcharge.

Indiana Utility Regulatory Commission Cause No. 43374: Petition of Duke Energy Indiana, Inc. Requesting the Indiana Utility Regulatory Commission Approve an Alternative Regulatory Plan for the Offering of Energy Efficiency, Conservation, Demand Response, and Demand-Side Management.

Public Utilities Commission of Nevada Docket No. 07-12001: In the Matter of the Application of Sierra Pacific Power Company for authority to increase its general rates charged to all classes of electric customers to reflect an increase in annual revenue requirement and for relief properly related thereto.

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4	Public Utility Commission of Oregon Docket No. UG 173: In the Matter of PUBLIC UTILITY COMMISSION OF OREGON Staff Request to Open an Investigation into the Earnings of
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7	Public Utility Commission of Oregon Docket No. UE 180/UE 181/UE 184: In the Matter of PORTLAND GENERAL ELECTRIC COMPANY Request for a General Rate Revision.
8	Public Utility Commission of Oregon Docket No. UE 179: In the Matter of PACIFICORP, dba
9 10	PACIFIC POWER AND LIGHT COMPANY Request for a general rate increase in the company's Oregon annual revenues.
11	Public Utility Commission of Oregon Docket No. UM 1129 <i>Phase II</i> : Investigation Related to Electric Utility Purchases From Qualifying Facilities.
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13	2005 Public Utility Commission of Oregon Docket No. UM 1129 Phase I Compliance: Investigation Related to Electric Utility Purchases From Qualifying Facilities.
14	Public Utility Commission of Oregon Docket No. UX 29: In the Matter of QWEST
15	CORPORATION Petition to Exempt from Regulation Qwest's Switched Business Services.
16	2004
17	Public Utility Commission of Oregon Docket No. UM 1129 <i>Phase I</i> : Investigation Related to Electric Utility Purchases From Qualifying Facilities.
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19	TESTIMONY BEFORE LEGISLATIVE BODIES 2014
20	Regarding Kansas House Bill 2460: Testimony Before the Kansas House Standing Committee on
21	Utilities and Telecommunications, February 12, 2014.
22	2012 Regarding Missouri House Bill 1488: Testimony Before the Missouri House Committee on
23	Utilities, February 7, 2012.
24	2011
25	Regarding Missouri Senate Bills 50, 321, 359, and 406: Testimony Before the Missouri Senate Veterans' Affairs, Emerging Issues, Pensions, and Urban Affairs Committee, March 9, 2011.
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AFFIDAVITS 1 2011 Colorado Public Utilities Commission Docket No. 11M-951E: In the Matter of the Petition of 2 Public Service Company of Colorado Pursuant to C.R.S. § 40-6-111(1)(d) for Interim Rate Relief 3 Effective on or before January 21, 2012. 4 **ENERGY INDUSTRY PUBLICATIONS AND PRESENTATIONS** Mock Trial Expert Witness, The Energy Bar Association State Commission Practice and 5 Regulation Committee and Young Lawyers Committee and Environment, Energy and Natural Resources Section of the D.C. Bar, Mastering Your First (or Next) State Public Utility 6 Commission Hearing, February 13, 2014. 7 Panelist, Customer Panel, Virginia State Bar 29th National Regulatory Conference, Williamsburg, 8 Virginia, May 19, 2011. 9 Chriss, S. (2006). "Regulatory Incentives and Natural Gas Purchasing – Lessons from the 10 Oregon Natural Gas Procurement Study." Presented at the 19th Annual Western Conference, Center for Research in Regulated Industries Advanced Workshop in Regulation and 11 Competition, Monterey, California, June 29, 2006. 12 Chriss, S. (2005). "Public Utility Commission of Oregon Natural Gas Procurement Study." 13 Public Utility Commission of Oregon, Salem, OR. Report published in June, 2005. Presented to the Public Utility Commission of Oregon at a special public meeting on August 1, 2005. 14 Chriss, S. and M. Radler (2003). "Report from Houston: Conference on Energy Deregulation and 15 Restructuring." USAEE Dialogue, Vol. 11, No. 1, March, 2003. 16 Chriss, S., M. Dwyer, and B. Pulliam (2002). "Impacts of Lifting the Ban on ANS Exports on 17 West Coast Crude Oil Prices: A Reconsideration of the Evidence." Presented at the 22nd USAEE/IAEE North American Conference, Vancouver, BC, Canada, October 6-8, 2002. 18 19 Contributed to chapter on power marketing: "Power System Operations and Electricity Markets," Fred I. Denny and David E. Dismukes, authors. Published by CRC Press, June 2002. 20 Contributed to "Moving to the Front Lines: The Economic Impact of the Independent Power 21 Plant Development in Louisiana," David E. Dismukes, author. Published by the Louisiana State University Center for Energy Studies, October 2001. 22 23 Dismukes, D.E., D.V. Mesyanzhinov, E.A. Downer, S. Chriss, and J.M. Burke (2001). "Alaska Natural Gas In-State Demand Study." Anchorage: Alaska Department of Natural Resources. 24

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